

ATTORNEY DOCKET NO. GC-10.6-CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
 )  
Robert J. Miller et al. )  
 )  
Serial No.: Unknown )  
 )  
Filed: Herewith )  
 )  
For: WATER INSOLUBLE DERIVATIVES )  
 )  
OF POLYANIONIC POLYSACCHARIDES )

Assistant Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

The present application is a continuation of co-pending  
USSN 07/833,973 filed on February 11, 1992.

In the Specification:

On page 1, line 3, after "application is", insert "a continuation of Application  
Serial No. 07/833,973 filed on February 11, 1992 which is"

In the claims:

Cancel claims 1-14, and 31-59 without prejudice.

Add NEW CLAIMS 60-76 as follows:

--60. A water insoluble composition prepared according to the method of claim 15  
or 16.

- 61. The composition of claim 60 wherein said composition is in the form of a gel.
- 62. The composition of claim 60 wherein said composition is in the form of fibers.
- 63. The composition of claim 60 wherein said composition is in the form of a membrane.
- 64. The composition of claim 60 wherein said composition is in the form of a foam.
- 65. The composition of claim 60, further comprising a drug dispersed within said composition.
- 66. The composition of claim 65 wherein said drug is chosen from the group consisting of proteins, biopolymers, and biologically compatible synthetic polymers.
- 67. The composition of claim 60 wherein said polyanionic polysaccharides are chosen from the group consisting of carboxymethylcellulose, carboxymethylamylose, hyaluronic acid, chondroitin-6-sulfate, dermatin sulfate, heparin and heparin sulfate.
- 68. The composition of claim 60 wherein said polyanionic polysaccharide is hyaluronic acid.
- 69. The composition of claim 60 wherein said polyanionic polysaccharide is carboxymethylcellulose.
- 70. The composition of claim 60 wherein said polyanionic polysaccharide is carboxymethylamylose.
- 71. The composition of claim 60 wherein two of said polyanionic polysaccharides are hyaluronic acid and carboxymethylcellulose.
- 72. The composition of claim 60 wherein said nucleophile is chosen from the group consisting of an amino acid amide, a monofunctional amine, an amino acid ester, an

amino alcohol, an amino thiol, an amino phenol, an amino catechol, an amino acid, a salt of an amino acid, a peptide, and a protein.

--73. The composition of claim 60 further comprising a protein dispersed within said composition.

--74. The composition of claim 60 wherein said modifying compound is chosen from the group consisting of 1-hydroxybenzotriazole hydrate, 1-hydroxybenzotriazole monohydrate, N-hydroxysulfosuccinimide, N-hydroxysuccinimide, 4-nitrophenol, 2-nitrophenol, 4-nitrothiophenol, 2-nitrothiophenol, pentachlorophenol, pentafluorophenol, imidazole, tetrazole, and 4-dimethylaminopyridine.

--75. The composition of claim 60 wherein said activating agent comprises a carbodiimide.

--76. The composition of claim 75 wherein said carbodiimide comprises 1-ethyl-3-(3-dimethylaminopropyl) carbodiimide, or 1-ethyl-3-(3-dimethylaminopropyl) carbodiimide methiodide.

#### REMARKS

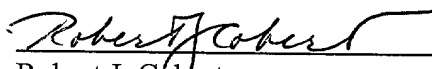
The present application is a continuation of USSN 07/833,973 filed on February 11, 1992. The parent application is a continuation-in-part application of USSN 07/703,254 filed on May 20, 1991, which is a continuation-in-part application of USSN 07/543,163 filed on June 25, 1990 now U.S. Patent No. 5,017,229; which is a continuation-in-part application of USSN 07/100,104, filed September 18, 1987 now U.S. Patent No. 4,937,270.

It is respectfully submitted that no new matter is added by this preliminary amendment and that each of the claims are fully supported by and readily apparent from specification of the present application.

The Examiner's prompt review and examination of the present application is respectfully requested. A copy of the Power of Attorney and Change of Attorney or Agent's Address in Application (37 CFR 1.8(a)) from the parent application is enclosed herewith.

If there are any further matters which must be resolved prior to the examination of the claims of the present application, the Examiner is respectfully requested to telephone applicant's attorney at the telephone number indicated below. If there are any additional charges, or any credits, please apply them to Deposit Account No. 07-1074.

Respectfully submitted,

  
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Date: 09 January 2001

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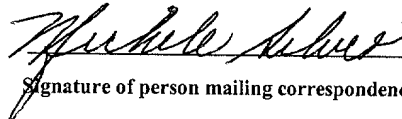
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I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

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